

Dialogue for Development:

Investing in Sustainable Communities



Earth Day Symposium at the Missouri Botanical Garden Thursday, April 22 & Friday, April 23

Dialogue for Development: **Investing in Sustainable Communities**

The 5th annual St. Louis Earth Day Symposium reflects the collaboration of 39 organizations, government entities and companies. This program offers new tools and strategies to enable profitable development, a clean environment and the long term viability of healthy, dynamic communities.

Symposium Highlights

- ▲ 20 international, national, & mid-west presenters
- ▲ Notable local government representatives
- ▲ Interdisciplinary workshops
- ▲ Technical seminars
- ▲ Green Building Expo
- ▲ Post Conference Barge Trip

Five Symposium Tracks Targeting Sustainable Development

- ▲ Community Design and Water Quality
- ▲ Green Buildings
- ▲ Transportation
- ▲ Management of Large Rivers
- ▲ Economics and Policy of Sustainable Development

Green Building Expo

featuring over 50 exhibitors of products and services supporting growth and development of green buildings and sustainable communities. Hosted by USGBC-St. Louis Regional Chapter.

Who Should Attend

- ▲ Mayors
- ▲ Planners
- ▲ City Managers
- ▲ Public Works officials
- ▲ Building and Code officials
- ▲ Water Resource Professionals
- ▲ Building Design and Construction Professionals
- ▲ Developers and Home Builders
- ▲ Consultants

In Depth Technical Seminars

- ▲ Storm Water Management
- ▲ Green Buildings
- ▲ Sustainable Development Policy

Post-Conference Barge Trip

Friday, April 30, 9AM–3PM

On the Missouri & Mississippi Rivers. Co-sponsored by The Great Rivers Greenway District and U.S. Army Corps of Engineers-St. Louis



ANHEUSER-BUSCH
Companies



EAST-WEST GATEWAY
Coordinating Council

Creating Solutions Across Jurisdictional Boundaries




Missouri Botanical Garden





Missouri Botanical Garden 4344 Shaw Blvd.

Thursday, April 22nd

- 8:00 a.m. Coffee and Registration**
- 8:45 Welcome & Introduction:** Les Serman, Director, *East West Gateway Coordinating Council*, Mayor Francis Slay, *City of St. Louis* (invited), Steve Mahfood, *Director, MO Department of Natural Resources* (invited), James Gulliford, *US EPA Region 7 Administrator* (invited) Mayor Irene Holmes, *City of Ladue*
- 9:15–10:15 Keynote: Successful Sustainable Development**
John Knott, CEO & Managing Director, *Dewees Island* and CEO, *the Noisette Company*. A third generation developer who has initiated the largest urban redevelopment project in the United States, Knott has pioneered the integration of green practice into profitable ventures, in both environmentally sensitive and environmentally contaminated areas.
- 10:30–5:00 Seminars**
- 12:00 p.m. Lunch & Expo Session:** Green Building Expo with 50 exhibitors of green products and professionals compliments the symposium from 12 noon–8 pm
- 5:00–8:00 Evening Reception:** Enjoy heavy hors d'oeuvres and a continuation of USGBC-St. Louis Regional Chapter's Expo. American Planning Association members join symposium participants for the evening reception as part of their Annual Planning Workshop.

Community Design and Water Quality

- 10:30–12:00 Conservation Design & Low Impact Development**
Moderator: Jerry Rombach, Director, *Home Builders Association of Greater Southwest Illinois*
▲ Bob Brownell, Chief Executive Officer, *Bielinski Homes*, Milwaukee, WI
▲ Ted Shekell, Director of Planning, *City of O'Fallon*, IL
- 1:45–3:15 Microdetention for Stormwater Management-Chesterfield West Project**
Moderator, Gene Rovak, PE, *Horner & Shifrin*
▲ Russ Henke, *K Dean Construction* ▲ Bonnie Hubert, *Chesterfield Public Works*
▲ Mark Meyer, PE, *Intuition & Logic* ▲ Clint Parsons, *First Midwest, Inc.*
▲ Dan Wind, *Wind Engineering*
- 3:30–5:00 Designing A Green Development: A Practical Approach Using A Real-Time Example**
Moderator: Tracy Boaz, President, *APA Metro Section & Missouri Department of Conservation*
▲ Randall Arendt, landscape architect, author ▲ Doug Farr, Principal, *Farr & Associates*, Chicago, IL
▲ Local developer ▲ Local planning staff

Our Rivers: A Sustainable Resource?

- 10:30–12:00 Management Models of Large Rivers**
Moderator: C.A. Buescher, Jr. PE, Retired Chairman of the Board, *St. Louis County Water Company*; Senior Professor of Engineering, *Washington University (W.U.)*
▲ Richard Aylard, Corporate Social Responsibility Director, *RWE Thames Water*, England
▲ Peter Tennant, Deputy Director, *Ohio River Valley Sanitation Commission*
▲ Pat O' Donnell, Project Manager, *St. Louis District Corps of Engineers*
- 1:45–3:15 Research for Large Rivers**
Moderator: Dr. Pratim Biswas; Director, Env. Engineering Program, *Washington University (W.U.)*.
▲ Mike Chapman, PE; Unit Leader-River Engineering & Restoration Unit, *Kansas City District Corps of Engineers*
▲ Dr. Robert Criss, Professor Earth and Planetary Sciences, *W.U.*
▲ Dr. William Lowry, Professor Political Science, *W.U.*
▲ Dr. James Goodrich; *U.S. EPA Cincinnati*, Ohio
- 3:30–5:00 Win-Win Strategies for Large Rivers**
Moderator: John L. Stein, Retired Director, Strategic Environmental Initiatives, *Anheuser Busch*
▲ David Fisher; Executive Director, *The Great Rivers Greenway District*
▲ Angela Anderson; Director, Upper Basin Program, *Mississippi River Basin Alliance*
▲ Roger Walker; Associate, *Armstrong Teasdale LLP*
▲ Kristin Perry; *Missouri Clean Water Commission Ag Rep.*, Bowling Green, MO



Green Buildings

- 10:30–12:00** **Green Urbanism & Sustainable Community Development**
Why build green into the urban fabric? Incentives to promote green development.
Moderator: Rollin Stanley, Director of Planning and Urban Design Agency, *City of St. Louis*
▲ Doug Farr, Principal, Farr & Associates, Chicago, IL
▲ John Knott, Chief Executive Officer, Dewees Island, & CEO the Noisette Company
- 1:45–3:15** **Local Government Initiatives**—How other communities encourage green building design and construction guidelines—using LEED as a planning tool.
Moderator: Laura Zacher, Community Development Specialist
▲ Tom Bean, City Architect, City of Kansas City
▲ Additional city representative to be determined
- 3:30–5:00** **Green Building in St. Louis—Alberici Headquarters Case Study**
Cost, benefits, challenges and obstacles to constructing a green building locally
Moderator: Skip Mange, *St. Louis County Council*
▲ Tom Taylor and Dan Sammartano, *Alberici Constructors*
▲ Bob Dody, Mayor, *City of Overland*
▲ Roland Laetner, C.B.O. Chief Inspector, Department of Public Works, *City of Overland*

Economics & Policy of Sustainable Development

- 10:30–12:00** **The Legislative Landscape:** How pending legislative issues may affect your jurisdiction
▲ Paul Kalchbrenner, *Lathrop & Gage*, Washington, D.C.
▲ Local Missouri & Illinois speakers
- 1:45–3:15** **The Impact of local Policy on the Economics of Green Planning & Development:** Help or Hindrance?
▲ Henry Henderson, Principal, *Policy Solutions*, Chicago
▲ Rebecca Wall Shultz, Vice President for Preconstruction, *PARIC Corporation*
▲ Hank Sinda, City Manager, *Collinsville, IL*
▲ Jerry Ovepner, *The Jones Company*
- 3:30–5:00** **Exploring the Boundaries**—A moderated discussion of the day's issues
Moderator: Martin Toma, Director, Department of Land Use Development & Code Enforcement, *Jefferson County*
▲ Discussant: Dave Robertson, Professor of Political Science, *UM-St. Louis*
▲ Workshop participants from sessions #1 & #2 above.

Dialogue for Gateway Transportation

- 10:30–12:00** **The Gateway Blueprint:** Modeling Transportation & Land Use
Moderator: Steve Nagle, Director, Planning, *East-West Gateway Coordinating Council (EWG)*
▲ Dr. Brian Deal, Assistant Geography Professor, *University of Illinois—Urbana Champaign*
▲ Ed Weilbacher, Coordinator, *SW Illinois Resource Conservation and Development*
▲ Representative, *Illinois Dept of Transportation*
- 1:45–3:15** **ASCE Report Card on Regional Infrastructure**
Moderator: David Wilson, Manager of Planning, *EWG*
▲ Danny J. Rowatt, P.E., Project Manager, *URS Corporation*
▲ W. Lyle Simonton, P.E., Geotechnical Engineer, *Jacobs Civil Inc.*
▲ Luis A. Porrello, Ph.D., P.E., Section Manager, *Transportation Planning HNTB Corporation*
▲ Susan M. Morgan, Ph.D., P.E., Associate Professor, *Southern Illinois University Edwardsville*
- 3:30–5:00** **Refining Transportation Planning**
Moderator: Jim Wild, Manager, *Transportation Planning*, *EWG*
▲ Caroline Twenter, Long Range Plan Coordinator, *EWG*
▲ Marcie Meystrik, AICP, Planning Coordinator, *MO Dept of Transportation*
▲ Todd Plesko, Chief of Planning, *METRO*

St. Louis Earth Day: “We are all in this together”



Friday, April 23rd Technical Seminars

Green Building Seminars

Hosted by U.S. Green Building Council—St. Louis Regional Chapter

8:00—noon

Codes and Ordinances to Support Green Buildings

Technical session for municipal and county code officials on adapting and interpreting codes to allow for new and emerging best practices. Strategies for removing barriers to sustainable building and development within regulatory guidelines. David Eisenberg, Director of Development Center for Appropriate Technology has over 20 years experience in the construction industry. He is Chair of USGBC's Greening the Codes Committee and works closely with the International Code Council.

1:00—5:00

Key Tools for Implementing Green Development in your Community

City managers, planners, and public works directors will leave with a tool bag of strategies to advance green development issues within their municipalities. Topics include LEED—the U.S. Green Building Council's green building rating system, codes and zoning, site planning, storm water management, energy efficiency, grants and loans.

Storm Water Management Seminars

Hosted by Metropolitan St. Louis Sewer District (MSD), American Society of Civil Engineers St. Louis Chapter, American Public Works Association-Missouri Chapter & St. Louis Metro Branch, and Missouri Department of Natural Resources. Attendance certification for engineering Professional Development Hours provided.

8:00—noon

Revising Stormwater Management Standards to Improve Water Quality

Moderator: Pete Sanocki, Assistant Director of Engineering, MSD

Part 1: Experiences of Other Cities

- ▲ Jeffrey Henson, PE, Black & Veatch, Kansas City, MO
- ▲ Mike Beezhold, Planner, City of Lenexa, KS
- ▲ Scott Tucker, Executive Director, Denver Urban Drainage & Flood Control District, Denver CO

Part 2: Stakeholder Stormwater Dialogue

- ▲ Scott Totten, Missouri Department of Natural Resources
- ▲ Mike Geisel, Director of Public Works, City of Chesterfield
- ▲ Eric Cowle, Director of Public Works, City of Arnold
- ▲ Rich Gnecco, Chief Plan Review Engineer, St. Charles County
- ▲ Russell Batzel, Manager, Public Works, City of St. Peters
- ▲ Gary Earls(invited), Director Public Works, St. Louis County
- ▲ Brian Hoelscher, Director of Engineering, Metropolitan St. Louis Sewer District
- ▲ Mike Fruth, Coordinator, Metro East Regional Stormwater
- ▲ Home Builders Association of Greater St. Louis Representative

1:00—5:00

Three practicing engineers present design approaches with detailed calculations to meet potential new water quality and hydrology design standards.

Moderator: Vijay Bhasin, PE., Bhasin Associates

- ▲ Andrew Earles, PhD, PE, Wright Water Engineers, Denver, CO
- ▲ Janet Meshek, PE, CFM, Meshek and Associates, Inc., Sand Springs, OK
- ▲ Joy Corona, PE, CFM, Black Engineering Company, Inc., Lake Forest, IL

Policy Seminar

Hosted by Local Government Management & Leadership Partnership.

9:00—noon

How do local governments and officials realize environmental goals and improvements?

Local government participants will work with seminar leaders, including Henry Henderson, Former Commissioner of the Department of Environment, City of Chicago, to explore how values can be converted into useful outcomes. This session will emphasize the policy tools leaders can employ to enable development, while realizing sustainable development goals.

Great Rivers Barge Trip

Friday, April 30th: 9:00 am—3:00 pm Join the U.S. Army Corps of Engineers, The Great Rivers Greenway District, Missouri Department of Conservation, 200 fellow government officials and professionals and other partners for a barge trip on the Missouri and Mississippi Rivers. Meet at the Corps of Engineers Service Base, foot of Arsenal Street and the Mississippi River. Travel by bus to Columbia Bottom Conservation Area in the Confluence Greenway. Visit Missouri River Relief's Education Forum and Chad Pedracke. Navigate back to the Service Base.



Registration

Thursday, April 22nd (includes coffee, lunch, evening reception and expo) \$75 _____

Thursday Reception & Expo only: 5:00-8:00 p.m. \$25 _____

Friday, April 23rd Technical Seminars (includes coffee and lunch). I plan to attend:

_____ Green Building Seminars (8:00 am-5:00pm) \$75 _____

_____ Stormwater Management Seminars (8:00 am-5:00 pm) \$75 _____

_____ Policy Seminar (9:00 am-noon) \$35 _____

_____ Late Registration fee (after April 15th) \$25 _____

Friday, April 30th Barge Trip on the Missouri & Mississippi Rivers (lunch included) \$25 _____

TOTAL: _____

Name(s) Affiliation:

Address: City: State: Zip:

Phone: Email:

Please fill out and mail with payment to: St. Louis Earth Day P.O. Box 19863 St. Louis, MO 63144

The Earth Day Symposium will be held at: Missouri Botanical Garden 4344 Shaw Blvd. (Your registration will be held at the door.)

For more information contact: 314.962.5838 karla@stlouisearthday.org www.stlouisearthday.org

Sponsors:

Anheuser Busch
East West Gateway Coordinating Council
The Great Rivers Greenway District
Missouri Botanical Garden
Missouri Department of Conservation
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U.S. Green Building Council—St. Louis Regional Chapter
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American Planning Association—St. Louis Metro Section
American Public Works Association—MO Chapter & St. Louis Metro Branch
American Society of Civil Engineers—St. Louis Chapter
American Society of Landscape Architects—St. Louis Chapter
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Falcon Waterfree
The Healthy Planet Magazine
Hoag Associates-Architecture & Planning
HOK
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INVISTA/Antron, Carpet Fiber
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U.S. Environmental Protection Agency, Region VII
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American Water
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EPRI Community Environment Center
Home Builders Association of Greater St. Louis
Home Builders Association of Greater Southwest Illinois
Jefferson County
Local Government Management & Leadership Partnership
Metro East Regional Stormwater Office
Metropolitan St. Louis Sewer District
Missouri Botanical Garden/Gateway Center for Resource Efficiency
Missouri Department of Conservation
Missouri Department of Natural Resources
National Park Service
St. Charles County
St. Louis Earth Day
Soil & Water Conservation District-St. Louis County
U.S. Green Building Council-St. Louis Chapter
U.S. Army Corps of Engineers
USDA—Natural Resources Conservation Service
Washington University—St. Louis

Region VII US Environmental Protection Agency, through Missouri Department of Natural Resources, has provided partial funding for this project under Section 319 of the Clean Water Act.